

Mitral valve and Tricuspid valve course

4th Edition

From anatomy to intervention

Organized by Heart Valvular Diseases Center

November 27 and 28, 2026

Hospital da Luz Learning Health - Training and Simulation Center
Hospital da Luz Lisboa auditorium

Programe

Day 27

PRESENTATION
Hospital da Luz Lisboa auditorium

08h30 Check in

09h00 **Welcome session**
Rui Maio | Pedro Adragão | Regina Ribeiras

09h15 **PCR Tricuspid Focus Group**
Victoria Delgado

09h30 **Tricuspid Regurgitation (TR) - Clinical perspective on the timing to treat: who to refer and when? Will the new evidence from the latest trials change the ESC /EACVI guidelines? How to implement referrals from heart failure clinics?**
Victoria Delgado

09h55 **Focus on functional TR: atrial secondary or ventricular secondary TR – moving beyond anatomical severity alone toward comprehensive risk phenotyping?**
Nina Marsan

10h10 **The impact of cardiac implantable electronic device (CIED) on therapeutic strategy for Tricuspid Regurgitation. How to diagnose CIED wires actively interfering with valve leaflets? The Heart Valve Team decision and the recommendations to avoid jailing by TTVR**
Regina Ribeiras

10h25 **Heart Team strategy for Tricuspid Regurgitation: repair, replace, or not address the valve itself? Beyond guidelines, a proposal to find a decision algorithm based on your most paradigmatic cases**
Manuel Barreiro

10h45 Coffee break

11h15 **Inside the valve and surroundings: 3D Transesophageal (TOE) and Intracardiac Echocardiography (ICE 3D), angioCT and MRi for the best procedural planning**
Jacqueline Rocha da Silva

11h30 **Right Heart hemodynamics decoded: practical flowcharts to achieve the best therapeutic strategy decisions**
Daniel Cazeiro

11h45 **The surgeon's perspective – new data from cardiac surgery? Filling the gaps of percutaneous interventions: is surgery best fit for atrial secondary TR and CIED-related TR?**
Márcio Madeira



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12h00 **HANDS-ON AND SIMULATORS**
Hospital da Luz Learning Health
- Training and Simulation Center

SESSION 1

Wet lab

- Anatomy on real hearts
- Echo machines and human models for transthoracic Echo to optimize acquisition
- Right heart simulation
- Beating heart simulators – for TOE and ICE 3D

Workstations

- Post Processing - on selected Echo Cases – train MPRs
- 3D dry simulators
- AngioCT & MRi workstations / TEE - angioCT fusion

13h10 Lunch

14h30 **Screening Echo for TV TEER – focus on TTE : minimum and mandatory dataset – Report type proposal**
Marisa Trabulo

14h45 **Screening Echo for TV TEER – focus on TEE: minimum and mandatory dataset – Report type proposal**
Ana Botelho

15h00 **Screening angioCT for TTVR – specific protocols for the mandatory data set**
Pedro Freitas

15h15 **HANDS-ON AND SIMULATORS**
Hospital da Luz Learning Health
- Training and Simulation Center

SESSION 2

Wet lab

- Anatomy on real hearts
- Echo machines and human models for transthoracic Echo to optimize acquisition
- Right heart simulation
- Beating heart simulators – for TOE and ICE 3D

Workstations

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18h15 End of 1st day



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Day 28

PRESENTATION
Hospital da Luz Lisboa auditorium

Focus on screening and heart team strategies in Mitral Valve Disease

09h00 **Secondary Mitral Regurgitation: different phenotypes, distinctive strategies and results, already addressed by the ESC/EACVI 2025 Valve Diseases guidelines. Do the ESC/HFA 2026 Heart Failure Guidelines have the same recommendations?**
Victoria Delgado

09h15 **Primary MR: screening for repair and replacement. Beyond PISA and 3D Echo for MR severity quantification and myocardial evaluation. Add decisive information from MRI?**
João Abecasis

09h30 **M-TEER as bridge to transplant?**
Marisa Trabulo | Pedro Freitas

09h45 **Dedicated Transcatheter MV replacement for MAC, failed bioprosthesis, and Surgical Rings – the dawn of a new era?**
Regina Ribeiras

10h00 **MV-TEER: Procedural and late failures rate and reasons? How to treat them? Show us your most significant cases**
Manuel Barreiro

10h15 Coffee break

10h45 **Focus on transeptal access – screening for difficult anatomies. Intraprocedural guiding tips and tricks**
Kevin Domingues

11h00 **How to screen for repair eligibility? 3D TEE to map the Mitral Valve and produce a standardized report**
Regina Ribeiras

11h15 **Focus on Transcatheter MV replacement (TMVR): How to screen and plan intervention – focus on angioCT**
Sara Guerreiro

11h45 **HANDS-ON AND SIMULATORS**
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13h00 Lunch



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14h30 **Fusion imaging: TOE-Fluoro for guiding MV-TEER: does it make a difference?**
Manuel Barreiro

14h45 **Tricuspid and Mitral valve regurgitation: the impact of simulator training to achieve the best TOE performance on screening and guiding for TV and MV surgical and percutaneous interventions**
Victoria Delgado

15h15 **HANDS-ON AND SIMULATORS**
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SESSION 2

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17h30 Closing

Course Director: **Regina Ribeiras** (Cardiologia, Hospital da Luz Lisboa)

Organising and Scientific Committee: **Regina Ribeiras | Marisa Trabulo | Pedro Freitas | Jaqueline Rocha Silva | Manuel Barreiro Nina Marsan | Victoria Delgado**

More information here: **https://learninghealth.up.events/e/mitral-valve-and-tricuspid-valve-course-from-anatomy-to-intervention-4th-edition**



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Event endorsed by:

EACVI European Association of Cardiovascular Imaging

PCR TRICUSPID Focus Group

Sponsor:

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